

RECEIVED  
CENTRAL FAX CENTER  
DEC 03 2008

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200313958-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Bill Serra et al.

Confirmation No.: 9830

Application No.: 10/597,688

Examiner: James J. Debrow

Filing Date: October 31, 2003

Group Art Unit: 2175

Title: DETERMINING A LOCATION FOR PLACING DATA IN A SPREADSHEET BASED ON A LOCATION OF  
THE DATA SOURCE

Mail Stop Appeal Brief - Patents  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REPLY BRIEF

Transmitted herewith is the Reply Brief with respect to the Examiner's Answer mailed on October 3, 2008.

This Reply Brief is being filed pursuant to 37 CFR 1.193(b) within two months of the date of the Examiner's Answer.

(Note: Extensions of time are not allowed under 37 CFR 1.136(a))

(Note: Failure to file a Reply Brief will result in dismissal of the Appeal as to the claims made subject to an expressly stated new ground rejection.)

No fee is required for filing of this Reply Brief.

If any fees are required please charge Deposit Account 08-2025.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

Date of Deposit:

OR

- ☒ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number (571) 273-8300.  
Date of facsimile: December 3, 2008

Typed Name: Jane S. Kim

Signature: Jane S. Kim

Total number of pages: 8

Respectfully submitted,

Bill Serra et al.

By Ashok K. Mannava

Ashok K. Mannava

Attorney/Agent for Applicant(s)

Reg No.: 45,301

Date: December 3, 2008

Telephone: (703) 652-3822

Rev 12/08 (ReplyBrt)

RECEIVED  
CENTRAL FAX CENTER  
DEC 03 2008

PATENT

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Bill Serra et al.

Confirmation No.: 9830

Serial No.: 10/697,688

Examiner: James J. Debrow

Filed: October 31, 2003

Group Art Unit: 2176

Title: DETERMINING A LOCATION FOR PLACING DATA IN A SPREADSHEET  
BASED ON A LOCATION OF THE DATA SOURCE

**MAIL STOP APPEAL BRIEF - PATENTS**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**REPLY BRIEF - PATENTS**

Sir:

This is a Reply Brief in response to the Examiner's Answer mailed October 3, 2008.

**PATENT**

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

**Arguments**

The rejection of claims 1-3, 5-21, and 23-34 under 35 U.S.C. §103(a) as allegedly being unpatentable over Orr et al. in view of Hsiung et al. (Orr in view of Hsiung) should be reversed for failure to teach or suggest all the claimed features.

Independent claim 1 recites,

determining a location in an electronic spreadsheet for placing at least a portion of the data, wherein the determined spreadsheet location is based on the determined geographical location of the data source;

inserting the data portion in the electronic spreadsheet at the determined spreadsheet location.

Independent claims 9, 17, 25 and 30 recite similar features.

Orr in view of Hsiung fails to teach or suggest determining a location in a spreadsheet based on a geographical location of a data source and placing data from the source in the determined location in the spreadsheet.

The Examiner's Answer admits Orr fails to teach or suggest these features, and relies on Hsiung to teach or suggest these features.

The Examiner's Answer on page 5 alleges Hsiung discloses these features in paragraphs 363-365, and also alleges on page 35 of the Examiner's Answer that these features are disclosed in paragraph 34. Finally, on page 38 the Examiner alleges that because Hsiung allegedly

**PATENT**

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

discloses storing sensor data in a spreadsheet that includes the location of the sensor, Hsiung teaches these features. These Examiner arguments are addressed below.

Paragraphs 363-365 of Hsiung fails to teach or suggest determining a location in a spreadsheet based on a geographical location of a data source and placing data received from the source in the determined location in the spreadsheet

Paragraph 365 of Hsiung discloses training data for a sensor is imported from a spreadsheet to a model. Thus, Hsiung discloses sending data from the spreadsheet to a model, rather than determining a location for storing data in the spreadsheet.

Paragraph 365 of Hsiung also states, "If training data is being imported from an Excel spreadsheet, data fields from the spreadsheet may be mapped to the appropriate sensor." This simply discloses that particular training data in the spreadsheet is mapped to the appropriate sensor. Thus, training data for an appropriate sensor is associated with that sensor or maybe sensor type in the spreadsheet. Then, more than likely, the training data for the appropriate sensor can be quickly identified for that sensor and imported to the model for that sensor for training. This paragraph does not disclose that the training data for a particular sensor is stored at a location in the spreadsheet based on the sensor's geographic location. Instead, the paragraph alludes to knowing the location of the training data in the spreadsheet for the sensor or model, so it can be quickly identified and imported. Furthermore, claim 1 describes storing data received from the source at the location in the spreadsheet based on the geographic location of the source. Hsiung does not disclose the training data is received from the sensor or model being trained.

## PATENT

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

Paragraph 34 of Hsiung fails to teach or suggest determining a location in a spreadsheet based on a geographical location of a data source and placing data received from the source in the determined location in the spreadsheet

Paragraphs 33 and 34 of Hsiung disclose that once the information is acquired by a field mounted device 105, the device 105 may transfer information to server 113 for processing purposes. Database 106 is connected to the server 113, and the database 106 includes information useful for process control and monitoring functions. For example, the database 106 may store information regarding process 121 received from field mounted devices 105.

These paragraphs of Hsiung disclose nothing with regard to storing data in a spreadsheet. Hsiung only discloses that the server 113 receives information from the devices 105 and the database 106 is connected to the server 113 and stores information for running processes. Hsiung does not disclose the database 106 includes a spreadsheet. Hsiung does not even disclose the database 106 stores information from the devices 105. Instead, the server 113 receives the information from the devices 105 and the database is used to run the processes. Thus, Hsiung in these paragraphs also fails to teach or suggest determining a location in a spreadsheet based on a geographical location of a data source and placing data received from the source in the determined location in the spreadsheet.

Examiner's conclusions on page 38 of the Examiner's Answer are unsupported by Hsiung

The Examiner states on page 38 of the Examiner's Answer,

**PATENT**

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

As indicated in the above discussion, Hsiung teaches monitoring and control systems for industrial processes that include "field mounted" sensors that acquire data and import that data into spreadsheets. Because each individual sensor is mounted "in the field" (i.e., in a factory) and imports its data into a spreadsheet, each individual sensor has a "geographical location" and is mapped to a location in the corresponding spreadsheet. Thus, when the data is being sent from the sensor to the spreadsheet, a location for placing the data in the spreadsheet is determined based on the geographical location of the sensor.

Firstly, Hsiung does not disclose importing data from sensors to a spreadsheet as described in paragraphs 33-34 and 363-365. Instead, Hsiung discloses storing data from the devices 105 in the database rather than a spreadsheet. Hsiung also discloses importing training data from a spreadsheet to a sensor or model, but Hsiung does not disclose the training data is stored in a location in the spreadsheet based on a geographic location of the sensor. Furthermore, Hsiung does not disclose the training data is received from the data source/sensor, as claimed.

Secondly, it appears the Examiner is concluding that because Hsiung allegedly stores data including sensor location data in fields in a spreadsheet, Hsiung teaches determining a location in a spreadsheet based on a geographical location of a data source and placing data received from the source in the determined location in the spreadsheet. This conclusion is unsupported by Hsiung, because Hsiung does not disclose a field in a spreadsheet for geographic location of a sensor. Furthermore, even if the spreadsheet of Hsiung had such a field, this field would simply identify the type of data to be associated with that field. The actual geographic

**PATENT**

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

location data for the sensor (*e.g.*, the actual location of the sensor in a factory or building), however, would not impact where the data is stored in the spreadsheet. For example, Hsiung does not disclose two sensors located at opposite ends of a building have data stored in opposite ends of a spreadsheet. Thus, Hsiung in view of Orr fails to teach or suggest determining a location in a spreadsheet based on a geographical location of a data source and placing data received from the source in the determined location in the spreadsheet.

**PATENT**

Atty Docket No.: 200313958-1

App. Ser. No.: 10/697,688

**(8) Conclusion**

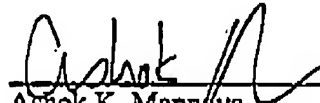
For at least the reasons given above, the rejection of claims 1-3, 5-21, and 23-34 under 35 U.S.C. §103(a) as allegedly being unpatentable over Orr in view of Hsiung should be reversed and these claims allowed.

Please grant any required extensions of time and charge any fees due in connection with this Reply Brief to deposit account no. 08-2025.

Respectfully submitted,

Dated: December 3, 2008

By

  
Ashok K. Mannava  
Registration No.: 45,301

MANNAVA & KANG, P.C.  
11240 Waples Mill Road  
Suite 300  
Fairfax, VA 22030  
(703) 652-3822  
(703) 865-5150 (facsimile)